



MEMORANDUM

Missouri Department of Transportation Project Delivery Southwest District

TO: Kathy Harvey -de

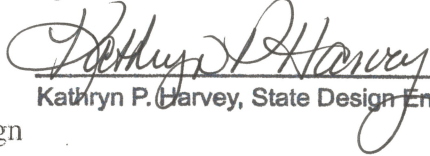
CC: Jason Vanderfeltz -de

FROM: Craig Switzer
Senior Highway Designer

DATE: July 23, 2013

SUBJECT: Southwest District – Design
Rte. 66, Jasper County
Signal, Intersection, and ITS Improvements from Geneva Ave. to Rte. 249
Job No. J7S0594C
Public Interest Finding – Uninterruptible Power Supply

I do hereby certify that in accordance with the requirements of 23 CFR 635.411(a)(2), this patented or proprietary item is essential for synchronization with existing highway facilities.


Kathryn P. Harvey, State Design Engineer

With reference to the subject project, we are requesting approval of a finding in the public interest to use the Sensata Technologies Dimensions™ Battery Backup 24M11-WBE uninterruptible power supply on this project.

This project is scheduled for an October 18, 2013 letting to upgrade traffic signals, improve intersections, and install CCTV cameras along the Route 66 corridor from Geneva Avenue to Route 249. Included in this project are traffic signal upgrades at Geneva Avenue, Northpark Lane, Duquesne Road, Garden Grove Road, Travis Acres Road, Kenser Road, and the ramp terminals at Route 249.

To prevent a traffic signal power failure from disrupting traffic progression along the corridor, we have determined that an uninterruptible power supply will be required at all signal installations along the corridor. Other intersections along the adjacent Business Route 49 (Range Line Road) corridor currently utilize the Sensata Technologies Dimensions™ Battery Backup 24M11-WBE uninterruptible power supply. In order to minimize parts inventory and simplify staff training, we are requesting approval to use this proprietary product on the subject project.